

Make it safe. Clean it up. Close it down.

B371 completes raschig ring removal



An innovative system to vacuum highly-contaminated raschig rings from tanks was developed by the 371/374 Project and deployed approximately two years ago. It has allowed the 371 "ring crew" to remove rings in a fraction of the time required for manually removing rings. It also significantly improves safety. From left, vacuuming rings from a tank, the vacuum unit, center, and the raschig ring receiver drum.

By Ed Bodey

A major D&D milestone was reached June 16, when the 371 "ring crew" finished removing the last of over 600,000 pounds of contaminated raschig rings from 75 tanks in 371. The crew completed the two-year, high-hazard assignment with no injuries or personnel contamination events.

Raschig rings are small, glass rings that contain borosilicate, a material that absorbs neutrons. Rings are placed in tanks and other vessels to prevent a nuclear criticality from occurring when actinide liquids are introduced. B371 contained the largest raschig ring tanks on site, some measuring 7 feet in diameter by 19 feet high.

More than 1,500 drums were needed to dis-

pose of the rings, most of which were shipped as low-level radioactive waste to the Nevada Test Site. In addition to the rings, the crew removed close to 800 liters of residues and over 10 kilograms of SNM holdup that was commingled with rings and dried at the bottom of the tanks. One tank with the highest holdup in the facility was reduced by over 3.5 kilograms.

Removing rings from tanks in 371 and other Pu buildings could have been significantly more hazardous and labor-intensive. But in November 2001, 371 pioneered a vacuum system. Instead of manually raking rings out of tanks, the vacuum system allowed the team to remove rings in a fraction of the time while reducing many of the hazards associated with the work.

"The vacuum system also improved packaging efficiency," said Mark Vogt, ring crew foreman. "With vacuuming we didn't need secondary containment and could safely package more rings in a single drum, reducing the number of drums required by over 50 percent."

The vacuum system was used on all but one tank due to high gram values where criticality safety controls stipulated manual removal. The building has two remaining tanks that contain raschig rings, but the tanks are part of the facility's filter plenum deluge system. They have been measured and are expected to meet shipping criteria as is, without removal of the rings.

D&D of raschig ring tanks was considered one of the big challenges for 371.



771 entering final stages

Workers in B771 use hydrolasing equipment to remove contamination from the walls, floors and ceiling surfaces of the building. The system uses ultra-high pressure water jets to remove up to 3/8 in. of surface, and surface coatings per pass. Following hydrolasing, surfaces will be surveyed to verify they are free from contamination, the final step before demolition. Demolition of the B771 maintenance shop will begin in August, followed by B774 in December and the 771 structure in March 2004.

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Have a safe holiday!

Rock solid performance lands second place



The Rocky Flats SPOTC team, back row left to right: John Higgins (who was injured during the individual competition so alternate Chris Duran stepped in), WSLLC Director of Security Police Operations Mark Jamsay, Jim Krause, Mark Dinkel, Chris Duran, and WSLLC Deputy Manager Rich Allen. Front row: Todd Harrison and Randy Irmer.

By Lara Harrison

In a contest that is often lost by the drop of a gun, the defending champions from Rocky Flats put in a rock-solid performance at the DOE's 31st annual Security Police Officer Training Competition (SPOTC), held this year at the Central Training Academy in Albuquerque, NM. In a close race that was decided by the final event of the competition, the Rocky Flats Wackenhut Services (WSLLC) security police officer team placed

second in the team competition phase of the SPOTC. The Rocky Flats team, last year's first-place winner, handed the Secretary of Energy's trophy to Pantex to display until next year's competition.

This year's SPOTC consisted of two days of individual competition and three days of team events. The team events are designed to test the team's ability to effectively and efficiently respond to tactically oriented situations.

Cohesiveness, decisiveness

and physical endurance play a major role in the team's performance. All team members use both handguns and rifles.

"I am pleased with our performance," said Team Captain Lt. Todd Harrison. "During our month of training we emphasized planning and strategies for different types of events and we stuck to our plans without fail. A repeat of last year's first-place win was definitely a possibility, but this year's events didn't emphasize our strengths as much as past competitions."

The team, known as "The Rock" at this year's competition, represented our site in what will likely be their last SPOTC. "They were competing against teams that have 300-400 younger SPOs to select their teams from," said Director of Security Police Operations

Mark

Jamsay,

when asked

about some

of the barriers

the team

overcame to

achieve their

strong finish. What the team

lacked in youth, they made up in

experience. Lt. Todd Harrison and

SPOs Chris Duran, John Higgins,

Randy Irmer and Jim Krause had

"They displayed professionalism, dignity, and a desire to win that clearly marked them as the team to beat."

— Bud Isom

year the Rocky Flats team is selected from volunteers who compete in a mini-SPOTC for one of the six positions.

all been to the SPOTC before. Newcomer Mark Dinkel performed better than most of his teammates in the individual competition and was a strong team performer.

Jody Giacomini, deputy project manager for Special Nuclear Material, including Safeguards and Security, was quick to praise the Rocky Flats team. "I am very proud of our team. They did an outstanding job. They have always performed well and represented our site in a professional manner," said Giacomini.

"In all the years of SPOTC competition, this year's team demonstrated a true team effort and I am extremely proud of our guys," said WSLLC General Manager Bud Isom. "They displayed professionalism, dignity and a desire to win that clearly marked them as the team to beat."

"The Rock" competed against 22 other DOE police and military teams, in five different events. Each

AROUND THE COMPLEX

❖ In May, DOE announced it would seek bids on two contracts for operations at the Idaho National Environmental and Engineering Laboratory, which is being split into two entities, the Idaho Completion Project and the Idaho National Laboratory. The Completion Project contract will be awarded for completing the site's nuclear waste cleanup in approximately 15 years. The National Laboratory contract will be awarded for operation of the site's ongoing research and nuclear engineering activities.

❖ DOE is seeking public comment on a draft Environmental Impact Statement that discusses options for manufacturing plutonium pits. The agency's preferred option is to build a modern pit facility that would begin operations by 2020. Sites proposed for the facility include Los Alamos and Carlsbad, New Mexico, Savannah

River and Pantex. DOE has had no large-scale pit production capability since Rocky Flats ceased production in 1989.

❖ A DOE office responsible for long-term stewardship of former nuclear weapons sites will open this fall. In addition to environmental surveillance and maintenance at the sites, the office will also manage medical benefits and pensions for contractor personnel at those facilities.

❖ CH2M HILL Hanford Group, Inc. is testing a new treatment method that mixes radioactive waste with additives to create a stone-like material that is comparable in density and permeability to marble. The process, if successful, could be used to treat a portion of 53 million gallons of radioactive and hazardous waste stored in 177 large underground tanks at Hanford.

Resource Center satellite office relocates

By Karen Lutz

The Energy Employees Compensation Resource Center satellite office located in T117A has been relocated to Building 060. The satellite office was established in August 2002 to assist employees who may qualify under the Energy Employees Compensation Act of 2000 and wish to file a claim. The office was relocated in preparation for the removal of T117 this fall.

For more information or to make an appointment, contact the Resource Center at 720-540-4911.

Information about the Energy Employees Occupational Illness Compensation Act is available at www.dol.gov.

SSOC celebrates one million manhours without injury

By Ed Bodey

Safe Sites of Colorado workers celebrated one million manhours without a recordable injury on June 16, 2003, a milestone made possible by the team's dedication to safety, said SSOC President Michael Cowen. "Reaching this safety milestone is the result of an outstanding effort on the part of each and every individual in the company," said Cowen. "Our people truly do look out for each other."

Others praising the accomplishment at a special recognition event included K-H President Alan Parker and senior managers from SSOC's parent companies, Washington

Group International and BWXT.

A previous *Endvision* story reported the team had reached one million manhours without a day-away-from-work injury. Achieving the milestone with no recordable injuries is significantly superior safety performance.

The majority of SSOC employees, numbering more than 220, are first-line supervisors working in practically every project on site. The string of hours with no recordable injuries goes back to June 11, 2001.

Employees were treated to cake, ice cream and soda and received fleece vests commemorating the achievement.



SSOC employees celebrate one million manhours without a recordable injury on June 16th.



Summer safety tips

By Bob Darr

Statistically, more workers across the nation are injured on the job during the period right before and right after a holiday. Don't let anticipation of Independence Day celebrations distract you from what you are doing. Keep your head in the game, stay focused and go home safe so you can enjoy your holiday with friends and family.

If you do find your mind wandering or have a hard time concentrating on your task, stop and take a step back to refocus on what you are doing. A short break now is better than a long break caused by an injury.



Fireworks cause thousands of injuries each year

Although most municipalities forbid fireworks, many rural counties allow this traditional mode of celebration. If your Fourth of July activities include setting off fireworks, understanding the risks may keep you safe.

- There are approximately 12,000 fireworks-related injuries each year in the United States. Of these, about 2,400 are eye injuries. One-third of these injuries result in permanent eye damage and one-fourth in permanent vision loss or blindness. Nearly one in 20 victims loses all useful vision or requires removal of the eye.
- One-fourth of all eye injuries caused by consumer fireworks are inflicted on bystanders.
- Three-fourths of all fireworks-related eye injuries are to boys

between the ages of 13 and 15.

- The single most dangerous type of fireworks is the bottle rocket, which flies erratically, causing bystander injuries. The bottles and cans used to launch bottle rockets often explode, showering fragments of glass and metal.

- Sparklers, often given to young children, burn at 1800 degrees Fahrenheit or more – hot enough to melt gold.

If you do use fireworks, follow these safety tips:

- Never let children play with fireworks of any type.
- View fireworks from a safe distance – at least 500 feet away, or up to a quarter of a mile for best viewing.
- Respect safety barriers set up to allow pyro-technicians to do their jobs safely.
- Leave the lighting of fireworks to trained professionals.
- Adhere to directives given by event ushers or public safety personnel, such as police officers and fire fighters.

If you find unexploded fireworks, don't touch them and immediately contact your local fire or police departments.

Take precaution against West Nile Virus

Last year the first reports of the West Nile Virus appeared in Colorado in August. But this year, a wet spring has accelerated the mosquito hatch and the first cases of West Nile have already been discovered in birds in Wyoming.

The Colorado Department of Public Health and Environment has predicted that the virus could appear in Colorado as soon as this month and encourages everyone to take steps to decrease their chances for exposure. To decrease exposure to mosquitoes and the viruses they may carry:

- Limit outside activity around dawn and dusk when Culex tarsalis mosquitoes feed. This is particularly important for elderly adults and small children.
- Wear protective clothing such as lightweight long pants and long sleeve shirts when outside.
- Apply insect repellent to exposed skin when outside. Repellents with DEET are effective, but

should be applied sparingly. Products with 10 percent or less of DEET are recommended for children.

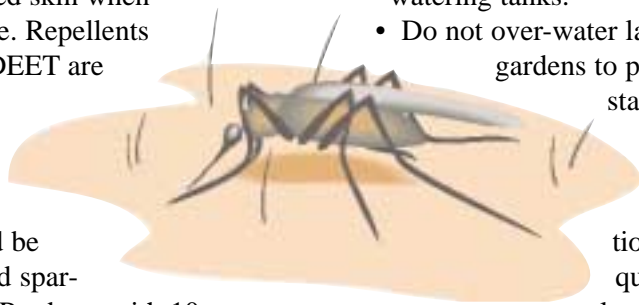
- Make sure that doors and windows have tight-fitting screens.

Repair or replace screens that have tears or holes in them.

- Drain all standing water on private property, no matter how small an amount.
- Stock permanent ponds or fountains with fish that eat mosquito larvae. Change water in bird-baths or wading pools and empty flowerpot saucers of standing water at least once a week.
- Check around faucets and air conditioner units and repair leaks or puddles that remain for several days.
- Make sure roof gutters drain properly and remove any standing water under or around structures or on flat roofs.
- Remove items that could collect water such as old tires, buckets, empty cans, and food and beverage containers.
- Eliminate seepage and standing water from cisterns, cesspools, septic tanks and animal watering tanks.

- Do not over-water lawns and gardens to prevent standing water. For more information on mosquito control larvicides,

adulticides, synergists and repellents, visit the National Pesticide Information Center Web site: <http://npic.orst.edu/>.



Hiking and Camping



Before you take that summer trek into the woods, remember these tips to keep you on the safe path.

- Plan the hike from start to finish by using trail books, forest service, topographical maps, etc.
- Always tell someone where you're going and when you expect to return.
- Don't hike alone.
- Know how and where you can get help in an emergency.
- Don't overdo it. Know your limits and stick to them.
- Travel light, and take only what you need.
- Wear comfortable, rugged shoes.
- Check the weather, and time hikes to get back before dark.
- Take an emergency survival kit with you. Your kit should contain matches, candles, extra food and clothing, first-aid kit, compass, map, flashlight, tent,

pocketknife and a signaling device.

If you get lost

- Remain calm and avoid panic. Don't proceed in another direction unless you are sure of what you are doing.
- If you move, leave a note or mark the place with groups of three stones or sticks, which means, "help." Show the direction of travel by making trail pointers out of stones, brush or twigs.
- Attract attention with three distress signals, such as three blasts of a whistle, three shouts or three flashes of light. Make a small fire out of green wood, which will produce a lot of smoke.
- Try to keep warm, sheltered and supplied with water. Don't wonder around in the dark. Wait until morning to find your way.

Share the trail

Trails (or paths) for non-motorized use have become very popular and, as a consequence of their suc-

cess, congested. Regardless of whether you are bicycling, walking, jogging or skating, following the same rules as everyone else will make your trip safer and more enjoyable.

- Be courteous.
- Keep right. Stay as near to the right side of the trail as is safe, except when passing another user.
- Be predictable. Travel in a consistent and predictable manner. Always look behind you before changing position on the trail.
- Pass on the left. Look ahead and back to make sure the lane is clear before you pull out. Pass with ample separation. Do not move back to the right until safely passed. Faster traffic is responsible for yielding to slower and on-coming traffic.
- Give audible warning before passing.
- Don't block the trail. When in a group, use no more than half the trail, so as not to block the flow of other users.

- Yield when entering and crossing trails. When entering or crossing a trail at uncontrolled points, yield to traffic on the trail.
- Clean up litter. Do not leave glass, paper, cans or any other debris on or near a trail.
- Use lights at night. Bicyclists should have a white light visible from the front, and a red or amber light visible from the rear.

envision

is published every other Wednesday for the benefit of all Rocky Flats employees. We invite your letters to the editor, story suggestions and comments. The deadline for approved stories is 10 a.m. on the Monday following AWS-Friday.

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MS golfers raise money for charity

A golf tournament was held on June 20 at Indian Peaks Golf Course sponsored by Material Stewardship Waste Operations for the organization. Cash and prizes were donated by subcontractors and the Steelworkers. The winning team of the 144 participants was Onsite Omega with Troy Jackson, Randy Keyser, Roch Rhinehart and Tim Trapuzzano. While the golf tournament was simply planned as a day of fun for Material Stewardship employees, \$700 was raised through the sale of mulligans. That money will be combined with the money raised at the Kaiser-Hill golf tournament and donated to charity. Pictured are the foursome of Darrel Blain and John Bauer (driving) followed by Mike Padilla and Scott Anderson (driving).

Support the Rescue Mission

Play in upcoming tournament

By Bill Badger

The ninth annual charity golf tournament to benefit the Denver Rescue Mission will be held July 18 (AWS Friday) at the Broadlands Golf Course, 4380 West 144th Avenue. The Rocky Flats Employee Golf Tournament will have a 7:30 a.m. shotgun start and a cart and lunch are included.

The Denver Rescue Mission has been open for the homeless of Denver for 111 years.

“Homelessness has increased 26 percent in the past year,” informs Lisette Williams, director of procurement for the Denver Rescue Mission. “So more people than ever, especially families, are relying on the mission for food and assistance.”

The Denver Rescue Mission

has received more than \$224,500 in proceeds from the Rocky Flats Employee Golf Tournament over the last eight years. Thanks to the many sponsors in the metro area including Kaiser-Hill Company, Wackenhut Services, Safe Sites of Colorado, Rocky Mountain Remediation Services and Rocky Flats Closure Site Services, the rescue mission has been able to help many of Denver’s homeless in their time of need.

There are still spots left but the registration deadline is Monday, July 7. For sponsorship and donation information, please contact Lisette Williams with Denver Rescue Mission at 303-297-1815. For registration contact Mike Riley, x5984, or Ron DiGiorgio, x2642.

declassifieds

AUTOMOBILES/ MOTORCYCLES

1991 Oldsmobile Bravada V-6 SUV, good condition, runs great, \$2,500 or best offer. Judi, 303-426-9118.

1993 Mustang GT, many extras, low miles, excellent condition in/out, must see, \$11,000 or best offer. Rick, 303-204-4768.

1990 DR 350, \$1,350; 1981 CR 430 Husky, \$450 with new tires. Clay, 303-985-9507.

2001 Honda Accord, 5-speed, 6-CD, tint, clear bra, excellent condition, \$17,500. Kathy, 303-204-4098.

Set of four PZ35/75 R15 on 6-hole wheels, fair tread, fits Nissan Toyota and Chevy, \$50. Fred, 303-828-3250.

GOPED, Sport model, gas engine, third bearing and performance spindle for doing jumps, also has new wheels, maximum speed of about 30 mph, good condition, paid \$400, asking \$275 or best offer. Bart, 303-684-6533.

MISCELLANEOUS

Golf clubs, Spalding Cannon II, 1-3-5 metal woods, 3-9 and PW irons, all steel shafts, excellent condition, with

bag and pull cart, \$150. Chuck, 303-435-8066.

Kenmore washer and dryer, excellent condition, \$125. Wayne, 303-421-4366, evenings.

Chain-link, 12 by 6 ft. kennel panel with gate, ideal between house and fence, \$35. John, 303-465-5645.

Direc PC dish with USB modem for satellite Internet service, also includes an upgrade kit to Direcway, free installation available from Hughes Network Systems, \$75. Bruce, 303-499-2246.

Colette’s Paris wedding gown, size 9, white satin, cathedral train, Allison lace bodice with custom beading, Bianchi veil with Allison lace cap, cathedral train, \$150. Leslie, 303-938-8590.

Whirlpool washer and electric dryer, good condition, regular maintenance, \$175. Steven or Shiela, 303-255-4920.

Infant bed set including crib, changing table, chest and mattress, cherry wood finish, \$400 for all four pieces; swinging cradle including mattress, cherry wood finish, \$30; electric washer and dryer, Kenmore, heavy-duty series, \$100 for the set. Terry or Carol, 303-452-1595.

Sixteen five-piece place settings of Belair by Mikasa ivory china, platinum trim and pencil line, \$61 plus shipping from Replacement Services, will sell at \$30 per place setting, 12-in. round platter for \$25. Betsy, 303-456-8756.

Black, high-gloss, Baby Grand piano, Young Chang, 3 years old, moving and need to sell, \$4,800 price includes delivery. Joe, 303-666-0414.

50-foot round horse pen, \$100. Gene, 353-828-3114.

Platinum and diamond ring, 4 invisibly/prong-set princess cut diamonds, approximately .70 ct (SI1 SI2 clarity, G-H color) with 8 baguette cuts accenting approximately .30 ct (VS2 SL1 clarity, G-H color) platinum band and mountings with ring weight at 8.4 grams, recently appraised and will sell below appraisal for \$3,000, serious inquiries only. Mitch, 303-517-9103.

1964 Jeep CJ-5, 302, 4-speed, with 6-ft. Meyers plow, \$3,500 or best offer; 2 Ski Doo’s, 1979 and 1980, \$500 for both; 2-3 cords of split fire wood, \$200; 1985 Suburban auto transmission

\$200 or best offer; 10 by 20 ft. chain link dog kennel, \$200. Jeff, 303-816-9373.

Dog run and Igloo dog house, 7 ft. high by 13 ft. long by 6 ft. high, \$150 for both. Wayne, 303-421-4398.

Playstation 2 console with 2 controllers, 1 memory card and a game (Matt Hoffman Pro BMX 2), \$175. Omar, 720-422-0893.

WANTED

Used “Total Gym” as advertised on TV. Eva, 303-287-9118.



Declassifieds

- Only Rocky Flats Site employees are eligible to place ads.
- Please use the form at right to submit your ad. Or send your ad via e-mail to Jackie Powers, or via the Intranet (Home Page/News & Info/Communication Division/Declassifieds).
- Ads should be no more than 20 words.
- Check category in which the ad is to be included.
- Home phone numbers must be used in the ads, except for items in the Lost/Found and Vanpools/Carpools categories.
- Site extension must be included (in case information needs to be verified).
- Only one ad per issue (ads will not be re-run unless they are resubmitted).
- Ads for garage sales or personal businesses will not be run.
- Ads for real estate can be placed only by owners and will include the phrase “for sale by owner.”
- No ads for guns/other weapons will be accepted.
- Mail or bring ads to T117A, Cube 59.
- Declassifieds are accepted on a first-come basis.
- Deadline is six working days before the desired publication date.
- Employees who submit fictitious ads will be subject to disciplinary action based on company standards of conduct.

Category (check one)

- Animals
- Automobiles/Motorcycles
- Lost/Found

- Miscellaneous
- Trailers/Campers/Boats
- Vanpools/Carpools

- Wanted

Text:

Name (first and last): _____

Home phone: _____ Site extension: _____